



MICHIGAN PUBLIC SERVICE COMMISSION



MPSC Update

**Michigan Wind Working Group Meeting
November 10, 2011**

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MPSC News

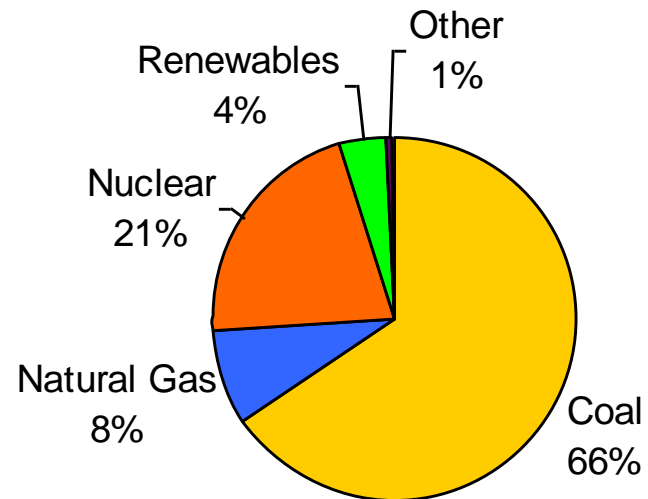
- Governor Snyder appointed John D. Quackenbush as our new Chairman effective October 17



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How much renewable energy does Michigan have now?

- 3.6% based on 2009 annual reports
 - 43% Wood Burning
 - 34% Hydroelectric
 - 4% Wind
 - <1% Solar
 - 19% Landfill Gas
- About 3.5 million MWh of renewable energy



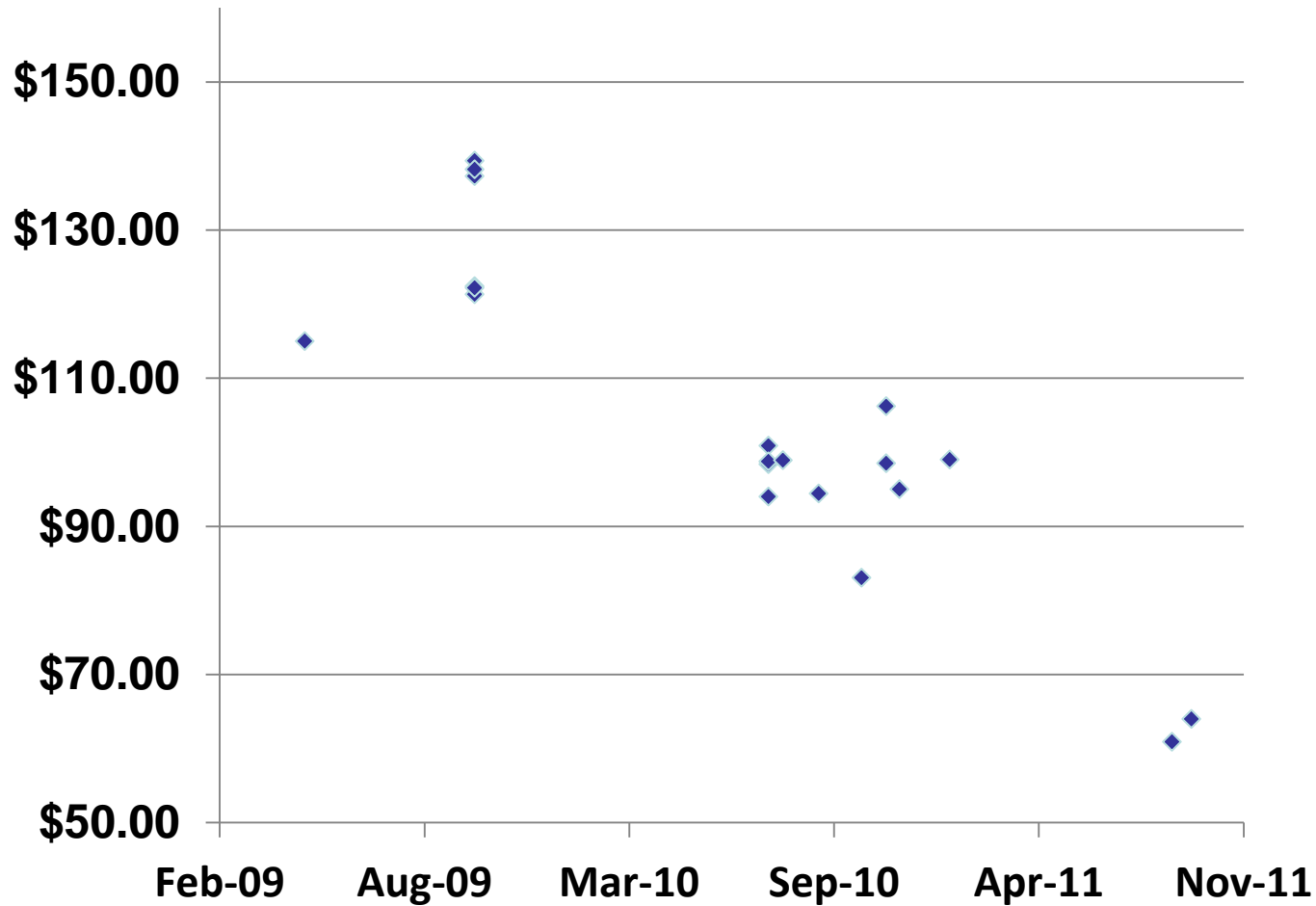
How much renewable energy will Michigan have in 2012?

- Rough estimate is 7%
 - Assume 100 million MWh retail sales in 2012
 - About 3.5 million MWh of renewable energy in 2009
 - About 3.5 million MWh of new renewable energy added by 2012

| | New MW | 2012 Estimated MWh/year |
|---|-----------|-------------------------------|
| Wind | 979 | 3,174,207 |
| Biomass | 45 | 354,780 |
| Solar* | 16 | 18,221 |
| | 1,040 | 3,547,208 |
| Not all 16 MW of solar will be operational in 2012. | | |

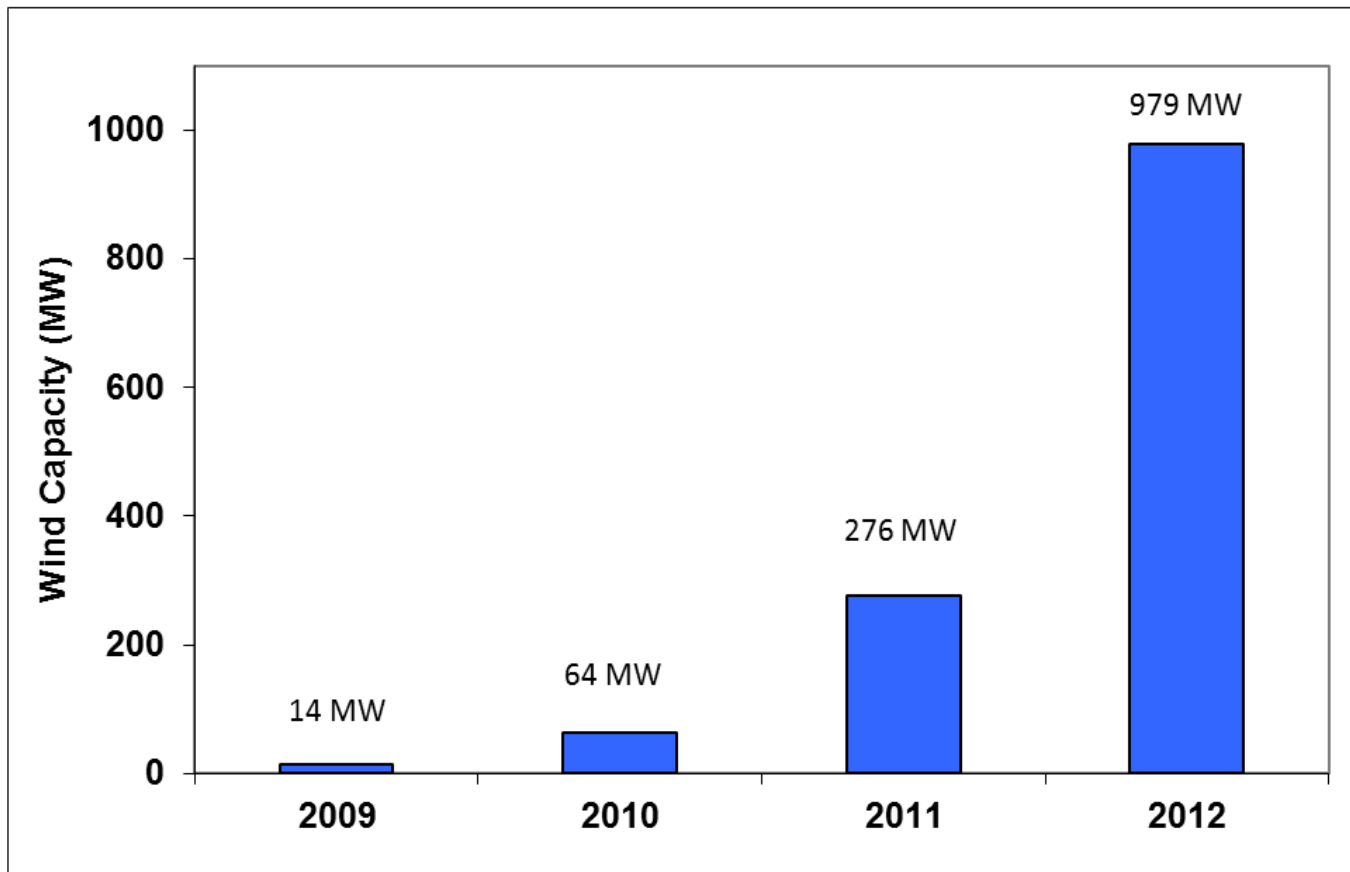


Levelized Cost (\$/MWh) of MPSC Approved Renewable Energy Contracts Over Time



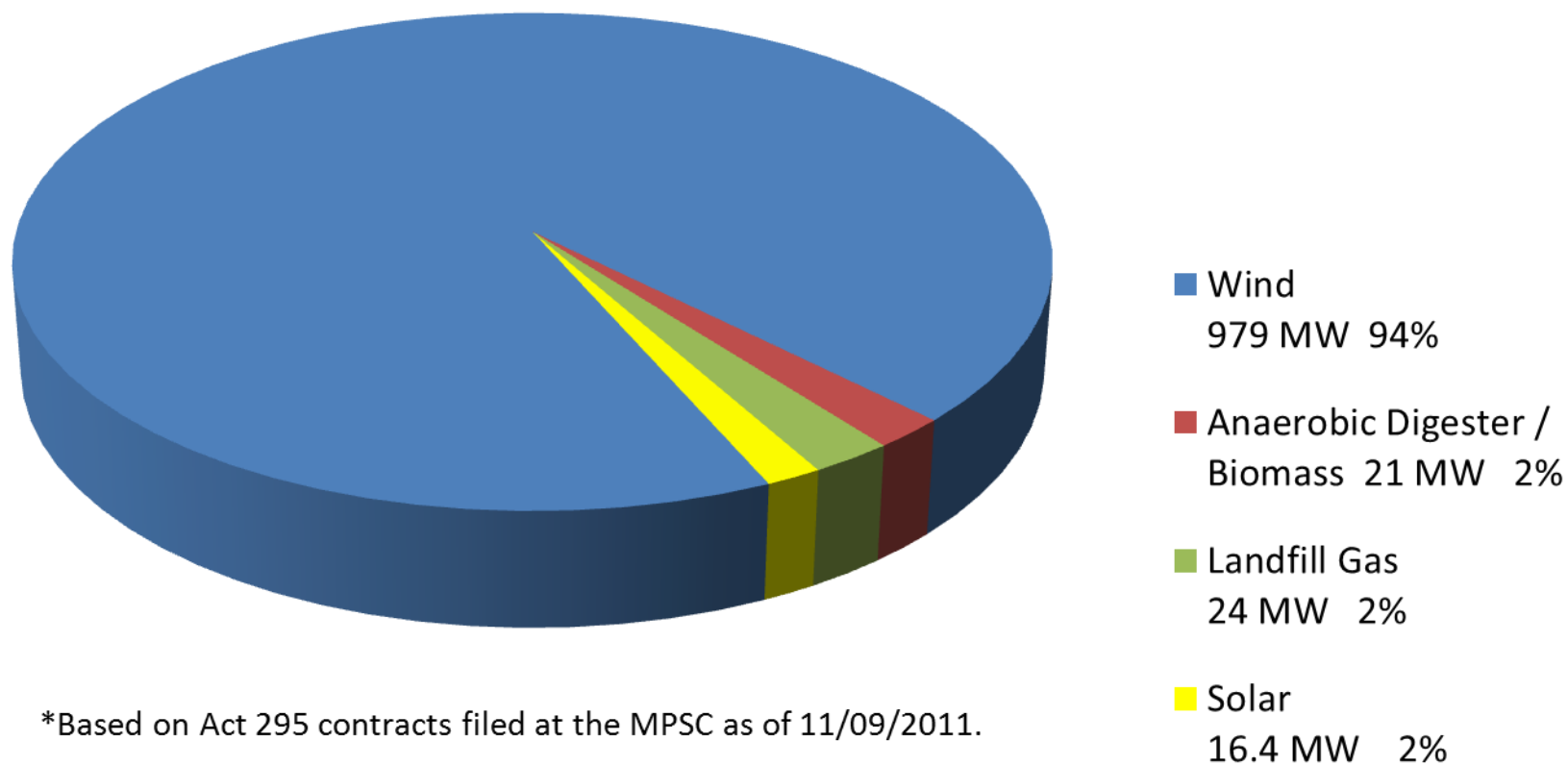
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Cumulative New Wind Capacity



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New Capacity (MW) by Technology



*Based on Act 295 contracts filed at the MPSC as of 11/09/2011.

Questions?

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www.michigan.gov/renewables

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